

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (currently amended) A method of drilling a wellbore, the method comprising:
 - (a) conveying a drilling assembly in the wellbore, said drilling assembly including a first adjustable stabilizer having a first plurality of independently adjustable ribs for applying force to the wellbore and a second stabilizer including a plurality of ribs having an undergauge outer diameter;
 - (b) engaging a wellbore wall using at least one of the plurality of ribs of the second stabilizer, said wellbore having a centerline along the drilling assembly; and
 - (c) controlling a direction of drilling by:
 - (e) (i) applying a force on the wellbore using the first stabilizer to adjust a position of a first center of said first adjustable stabilizer in the wellbore relative to a second center of said second stabilizer and with respect to the centerline of the wellbore to drill the wellbore along a desired wellbore trajectory; and
 - (d) (ii) independently controlling each of the first plurality of independently adjustable ribs.
2. (Previously Presented) The method of claim 1, wherein said second stabilizer includes at least one independently adjustable rib.
3. (Withdrawn) The method of claim 1, wherein the second stabilizer is a fixed blade stabilizer.
4. (Previously Presented) The method of claim 2 further comprising applying a force on the wellbore by each of the ribs in the second plurality of ribs to adjust the positions of the first center and the second center with respect to the center line of the wellbore.

5. (Cancelled)
6. (Previously Presented) The method of claim 1, further comprising causing no wall contact on an upper portion of the second stabilizer and causing wall contact at a lower portion of the second stabilizer.
7. (original) The method of claim 1 further comprising measuring inclination of one of (i) the drilling assembly or (ii) said wellbore.
8. (original) The method of claim 1 further comprising drilling said wellbore along a predetermined well path.
9. (original) The method of claim 1 further comprising determining a parameter indicative of direction of drilling of said wellbore.
10. (Previously Presented) The method of claim 9 further comprising altering direction of drilling of said wellbore if said parameter is outside a selected limit.
11. (Previously Presented) The method of claim 2 further comprising altering said drilling direction by altering the force applied by at least one rib in said first or second stabilizer.
12. (Previously Presented) The method of claim 2 further comprising adjusting the force applied by one of the first and second stabilizers based at least in part on a pre-selected wellbore trajectory.

13. (currently amended) A system of controlling a trajectory of a wellbore, the system comprising:

- a. a drilling assembly deployed in said wellbore by a rotatable tubular member, said drilling assembly including a drill bit at an end thereof that is rotatable by a drilling motor carried by the drilling assembly, said wellbore having a center line along the drilling assembly;
- b. a first adjustable stabilizer disposed in said drilling assembly, having a first set of ribs spaced around said first adjustable stabilizer, with each rib configured to be independently radially extendable and independently controllable;
- c. a second stabilizer including a plurality of ribs having an undergage outer diameter and being spaced apart from said first adjustable stabilizer; and
- d. a controller in the drilling assembly programmed to control a direction of drilling by independently controlling each rib of the first adjustable stabilizers and adjusting a position of a first center of the first adjustable stabilizer in the wellbore relative to a second center of the second stabilizer in the wellbore while the second stabilizer engages a wellbore wall, wherein the position of the first center relative to the second center is determined at least in part based upon a desired wellbore trajectory stored in the controller in a memory associated with the drilling assembly.

14. (Withdrawn) The system of claim 13, wherein the second stabilizer comprises a fixed blade stabilizer.

15. (Previously Presented) The system of claim 13, wherein the second stabilizer includes at least one rib that is independently radially extendable.

16. (Previously Presented) The system of claim 13, wherein the second stabilizer has an under-gage outer diameter selected to provide no wall contact on an upper portion of the second stabilizer and wall contact at a lower portion of the second stabilizer.

17. (original) The system of claim 13, further comprising a sensor for measuring inclination of at least one of (i) the drilling assembly and (ii) said wellbore.

18. (original) The system of claim 13, further comprising at least one sensor for determining a direction of the wellbore.

19. (Previously Presented) The system of claim 18, wherein said at least one of said first set of ribs is controlled to alter said drilling direction by altering a force applied by at least one rib in said first set of ribs.

20. (Previously Presented) The system of claim 15, wherein the position of the second stabilizer is adjusted by changing the extension of the at least one independently radially extendable rib.

21. (currently amended) A method of controlling drilling direction in a wellbore, the method comprising:

(a) drilling the wellbore with a drilling assembly including a drill bit rotated by a drilling motor, a first adjustable stabilizer and a second stabilizer having an undergauge outer diameter; and

(b) controlling a drilling direction of the drill bit by:

(i) adjusting a position of a first center of said first adjustable stabilizer relative to a second center of said second stabilizer and with respect to a wellbore centerline along the drilling assembly while at least a portion of the second stabilizer engages a wellbore wall; and

~~(c)~~ (ii) independently controlling each of a first plurality of independently adjustable ribs associated with one of (i) the first adjustable stabilizer and (ii) the second stabilizer.

22. (Withdrawn) The method of claim 21 further comprising superimposing a drill string rotation on the drill bit.

23. (Withdrawn) The method of claim 21 further comprising positioning the center of the second stabilizer eccentric of a centerline of the wellbore such that gravity causes a pendulum effect for a drill string coupled to the drill bit.
24. (Withdrawn) The method of claim 21 further comprising determining a deviation between a measured trajectory and a predetermined direction; and adjusting the center of the first adjustable stabilizer relative to the center of the second stabilizer in response to the measured deviation.
25. (Withdrawn) The method of claim 21 further comprising fixing a diameter of the second stabilizer while drilling a deviated section of the wellbore.
26. (Previously Presented) The method of claim 21, wherein the second stabilizer includes at least one independently controllable rib.
27. (Previously Presented) The method of claim 1, wherein the drilling assembly includes a drill bit that is rotated by a drilling motor and wherein the first stabilizer is on a portion of the drilling motor.
28. (Previously Presented) The method of claim 1, further comprising: individually adjusting a force vector of each of the first plurality of independently adjustable ribs.